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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11441 (1985): Dimensions for ground carbide rounds [PGD
32: Cutting tools]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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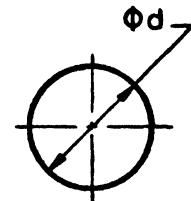
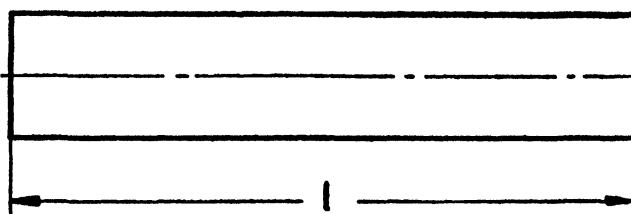
Indian Standard

DIMENSIONS FOR GROUND CARBIDE ROUNDS

1. Scope — Covers the dimensions for ground carbide rounds required for metal cutting, wear resistance and general applications.

2. Dimensions

N6 / ALL OVER



All dimensions in millimetres.

<i>d</i>	$l \begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$									
h8	14	16	18	20	25	32	40	50	60	100
2.0	*	*	*	*						
3.0	*	*	*	*	*	*	*	*		
(3.18)	*	*	*	*	*	*	*	*		
(4.76)	*	*	*	*	*	*	*	*		
4.0	*	*	*	*	*	*	*	*	*	*
5.0	*	*	*	*	*	*	*	*	*	*
6.0	*	*	*	*	*	*	*	*	*	*
(6.35)	*	*	*	*	*	*	*	*	*	*
8.0	*	*	*	*	*	*	*	*	*	*
10.0	*	*	*	*	*	*	*	*	*	*
12.0	*	*	*	*	*	*	*	*	*	*

Note — Sizes given in brackets are non-preferred.

*Indicates recommended length.

3. Material — The carbide shall conform to IS : 2428-1964 'Application of carbide for machining, range of application and colour codes'.

4. Designation — A ground carbide round having 3.0 mm diameter and 25 mm length with range of application K10 and conforming to this standard shall be designated as:

Ground Carbide Round 3.0 × 25 IS : 11441 K10

5. Packing — Ground carbide rounds shall be suitably packed to avoid damage in handling.

6. Marking — The carton containing ground carbide rounds shall be marked with the designation, range of application and colour code as per IS : 2428-1964.

EXPLANATORY NOTE

Carbide rounds in sintered condition are covered in IS : 9775-1981 'Dimensions for carbide flats, squares and rounds'.

This standard has been prepared in accordance with the current manufacturing practices prevalent in the industry.

AMENDMENT NO. 1 DECEMBER 2003
IS 11441 : 1985 DIMENSIONS TO
ROUNDS FOR GROUND CARBIDE

(Page 2, clause 3 and 6) — Substitute 'IS 2428 : 1999 Application of hard cutting materials for machining, by chip removal — Designation of the main groups of chip removal and groups of application (first revision) for 'IS 2428 : 1964 'Application of carbide for machining, range of application and colour codes'.

(Page 2, Explanatory Note) — Substitute 'IS 9775 : 2000 Carbide flats, squares and rounds — Dimensions (first revision)' for 'IS 9775 : 1981 Dimensions for Carbide flats, squares and rounds.'

(BP 12)

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